

Table 1: Significance table.

	DLOSee	DLOSemu	DLOSetau	DLOSmumu	DLOSmutau	DLOStautau
QCD <sub><i>Pt</i>15</sub>	4801 +- 4801	0 +- 0	0 +- 0	0 +- 0	0 +- 0	0 +- 0
QCD <sub><i>Pt</i>30</sub>	5034 +- 1396	0 +- 0	0 +- 0	0 +- 0	0 +- 0	0 +- 0
QCD <sub><i>Pt</i>80</sub>	3359 +- 180.6	0 +- 0	174.7 +- 41.18	0 +- 0	0 +- 0	0 +- 0
QCD <sub><i>Pt</i>170</sub>	2319 +- 25.16	0.819 +- 0.4729	82.45 +- 4.744	0 +- 0	0 +- 0	0.273 +- 0.273
QCD <sub><i>Pt</i>300</sub>	445.3 +- 2.402	0.6217 +- 0.08974	9.456 +- 0.35	0.01295 +- 0.01295	0.02591 +- 0.01832	0.02591 +- 0.01832
QCD <sub><i>Pt</i>470</sub>	63.77 +- 0.2962	0.09909 +- 0.01168	1.025 +- 0.03757	0.01239 +- 0.004129	0 +- 0	0.005505 +- 0.002753
QCD <sub><i>Pt</i>800</sub>	2.721 +- 0.009607	0.003969 +- 0.0003669	0.04912 +- 0.001291	0.0005427 +- 0.0001357	0.0001018 +- 5.875e-05	0.000441 +- 0.0001223
QCD <sub><i>Pt</i>1400</sub>	0.01897 +- 7.799e-05	1.122e-05 +- 1.896e-06	0.000391 +- 1.12e-05	4.167e-06 +- 1.156e-06	0 +- 0	1.923e-06 +- 7.851e-07
TTbar <sub><i>t emp</i></sub>	34.54 +- 0.3641	0 +- 0	5.386 +- 0.1438	0 +- 0	0 +- 0	0.2956 +- 0.03369
WJets <sub><i>t emp</i></sub>	19.83 +- 1.269	0 +- 0	4.145 +- 0.5803	0 +- 0	0 +- 0	0.08127 +- 0.08127
ZJets <sub><i>t emp</i></sub>	1.198 +- 0.2996	0 +- 0	0.9736 +- 0.27	0 +- 0	0 +- 0	0.5242 +- 0.1981
ww <sub><i>pat</i>1</sub>	0.3854 +- 0.0545	0 +- 0	0.1156 +- 0.02985	0 +- 0	0 +- 0	0 +- 0
wz <sub><i>pat</i>1</sub>	0.1294 +- 0.01973	0 +- 0	0.02407 +- 0.008512	0 +- 0	0 +- 0	0.006019 +- 0.004256
zz <sub><i>pat</i>1</sub>	0.05118 +- 0.007167	0 +- 0	0.01104 +- 0.003328	0 +- 0	0 +- 0	0.004014 +- 0.002007
LM2 <sub><i>t emp</i></sub>	0.8718 +- 0.00967	0 +- 0	0.3301 +- 0.00595	0 +- 0	0 +- 0	0.04773 +- 0.002263
Significance	0.006875	0	0.01979	0	0	0.04328
QCD Significance	0.006887	0	0.02018	0	0	0.08644